Broadband Deployment Advisory Committee Meeting

October 18, 2023

Welcome

Agenda

1. Welcome
2. Acceptance of Credentials
3. Code of Conduct
4. ConnectALL Overview
5. ConnectALL Deployment Program Five-Year Action Plan
6. Overview of 2023 Broadband Map and Report
7. Close

Acceptance of Credentials

Code of Conduct

ConnectALL Overview

CONNECTALL SIGNATURE PROGRAMS

Governor Hochul delivering the 2022 State of the State address.

ConnectALL is Governor Hochul's $1B+ initiative to bring affordable, reliable, high-speed broadband service to all New York residents and businesses.

ConnectALL Grant Programs

- ConnectALL Rural Deployment
- Municipal Infrastructure & Assistance
- Affordable Housing Connectivity
- Connectivity Innovation
- Statewide Digital Equity Plan & Grant Program

CONNECTALL RESPONSIBILITIES & DUTIES

ConnectALL is designed in cooperation with the NYS Legislature, as authorized via the 2022 WIRED Act:

Coordinate activities of all State agencies related to broadband access

Advise county and local government to expand broadband access

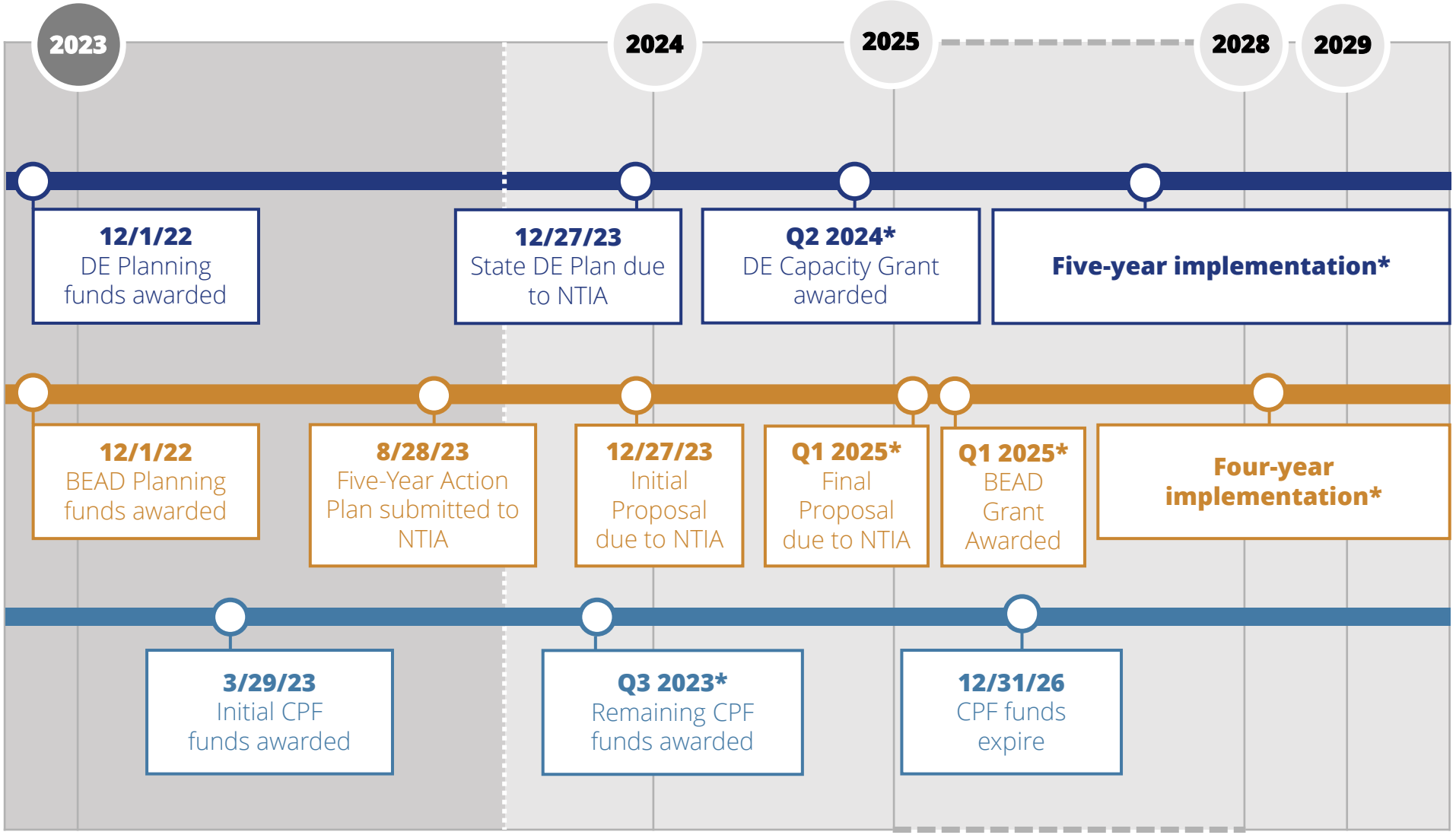
Manage public investments and grant programs to improve broadband access and digital equity

CONNECTALL FUNDING SOURCES

New York will benefit from historic support from Congress and the State Legislature.

Legislation	Funding Program	Amount
Infrastructure, Investment, and Jobs Act (IIJA)	Broadband Equity, Access, and Deployment (BEAD) Program	Planning: **$5M** Implementation: **$664M**
	State Digital Equity Program	Planning: **$2M** Implementation: Est. **$50-80M**
American Rescue Plan Act (ARPA)	Coronavirus Capital Projects Fund (CPF)	Implementation Grant: **$345M**
NYS FYS2022 Enacted Budget	ConnectALL Initiative	Total Appropriated Funds: **$300M**
		Total State + Federal: $1.3B+

FEDERAL GRANTS TIMELINE



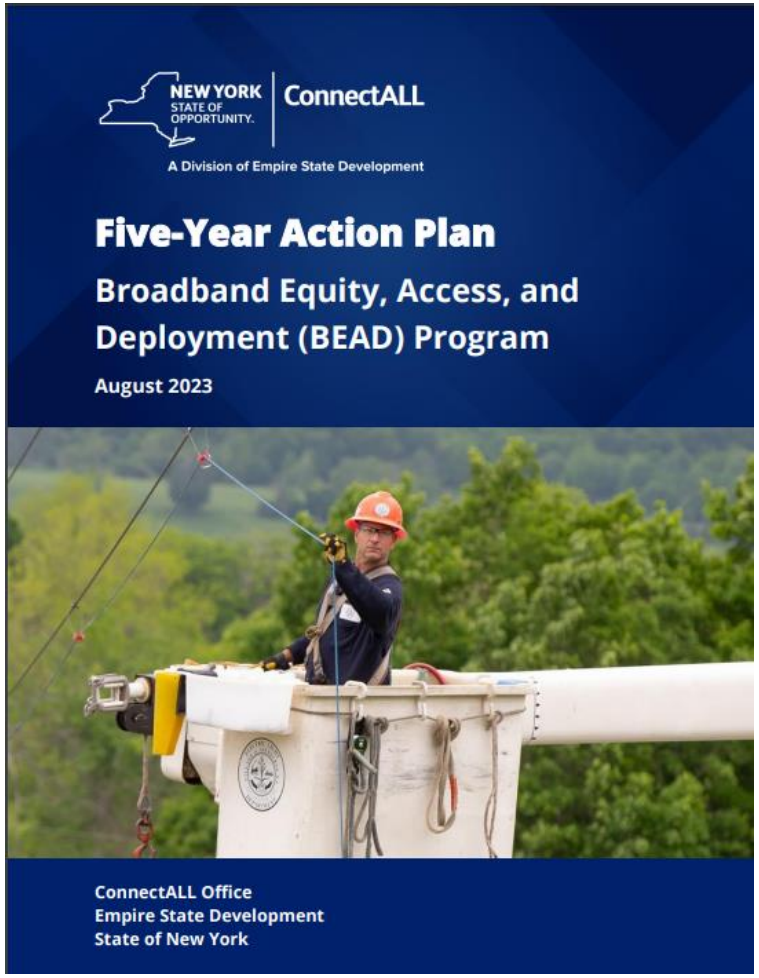
**Tentative dates*

ConnectALL Rural Deployment Program Five-Year Action Plan

NEW YORK'S FIVE-YEAR ACTION PLAN

A framework for the implementation of the ConnectALL Rural Deployment Program.

- The ConnectALL Deployment Program is funded by the federal Broadband, Equity, Access, and Deployment Program (BEAD).
- BEAD requires each state complete a Five-Year Action Plan that includes:
  - Vision and Objectives
  - Current State of Broadband and Digital Inclusion
  - Obstacles or Barriers
  - Implementation Plan



IMPLEMENTATION PRIORITIES ALIGN WITH FEDERAL REQUIREMENTS

ConnectALL may incorporate additional factors in how it defines project areas, evaluates proposals, or implements complementary activities.

The BEAD Program prioritizes deployment in the following order:*

1. Connecting all unserved locations in the state.
2. Connecting all underserved locations in the state.
3. Delivering symmetrical gigabit connections to certain Community Anchor Institutions that do not currently have that level of service.

*"NOFO: BEAD Program." NTIA, 2022, https://broadbandusa.ntia.doc.gov/sites/default/files/2022- 05/BEAD%20NOFO.pdf, at p. 41.

CURRENT STATE OF BROADBAND AND DIGITAL INCLUSION

ConnectALL builds on the foundation of New York State's earlier investments in broadband.

- 97.47% of New York State address locations are served[1]
- 114,377 locations are unserved[2]
- 35,012 locations are underserved[2]
- Nearly a million New York households (13.1%) do not subscribe to fixed broadband service.[3]

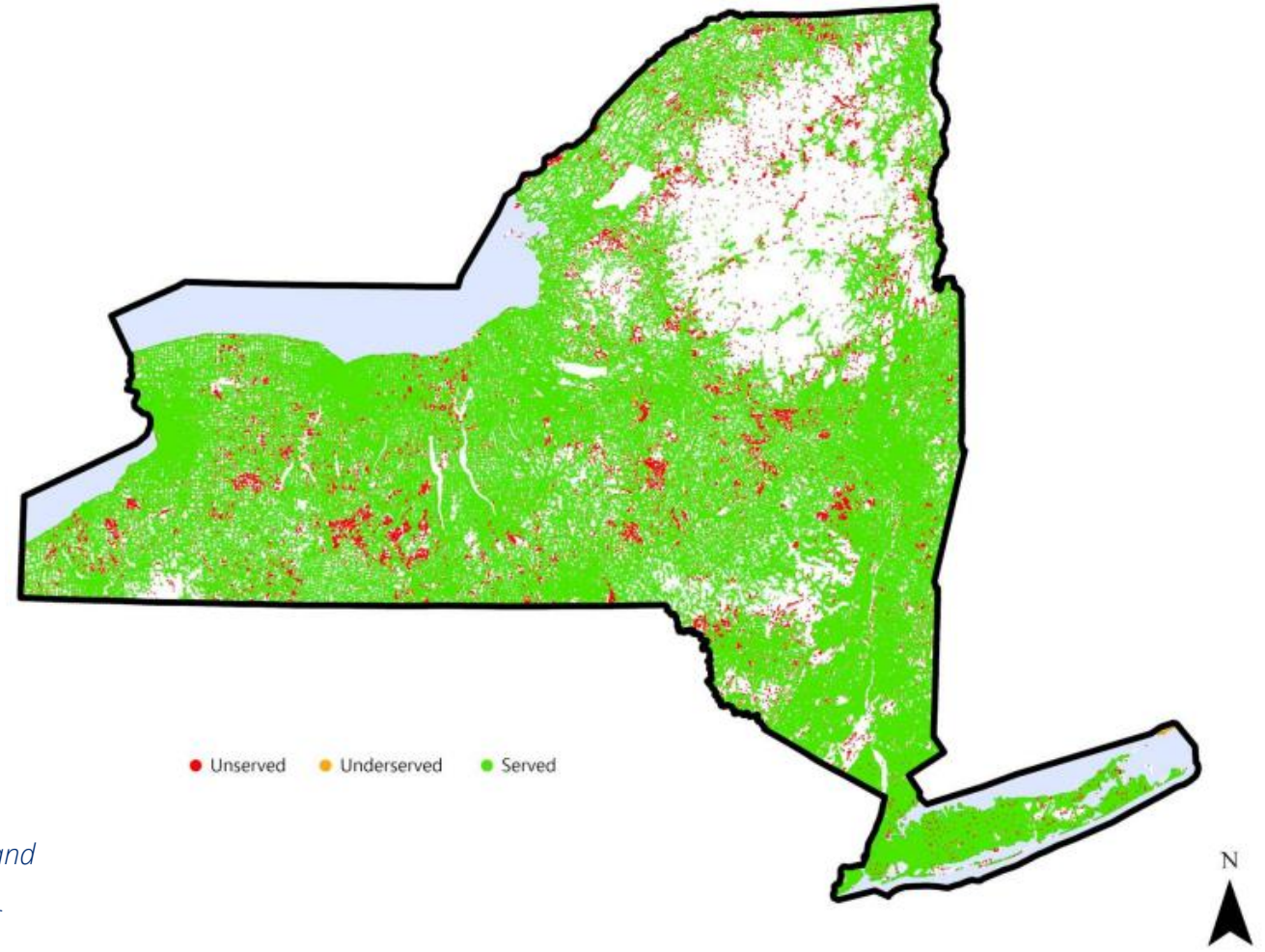


Figure 1: Unserved, Underserved, and Served Locations in New York State (Source: FCC Fabric Version 2, BDC December 31, 2022 (updated August 9, 2023))

Data sources:

1. *2023 Report on the Availability, Reliability and Cost of High-Speed Broadband Services in New York State." NYS Public Service Commission, June 2023*
2. *FCC address fabric version 2 and the FCC Broadband Data Collection as of May 24, 2023*
3. *"QuickFacts: New York." U.S. Census Bureau American Community Survey Five-Year Estimates, 2017-2021*

ESTIMATED COST FOR NEW FIBER OPTIC INFRASTRUCTURE

ConnectALL will use federal funds strategically to reach all unserved and underserved locations.

$2.291 Billion

to reach all unserved and underserved locations across New York State with new fiber optic infrastructure (estimated)

$664,618,251.49

New York's allocation from the federal BEAD Program

ConnectALL will provide an updated total cost estimate for universal service that incorporates updated data and anticipates the use of multiple technologies to lower construction costs and maximize Program reach, consistent with BEAD requirements.

IMPLEMENTATION OBSTACLES AND BARRIERS

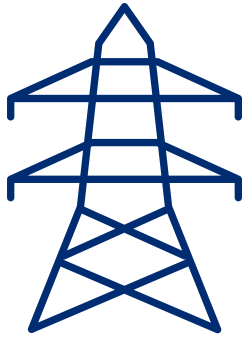
ConnectALL will seek to mitigate these challenges through its programs and initiatives.

BEAD POLICY DECISIONS

LEGISLATIVE AND REGULATORY MATTERS

INDUSTRY PARTICIPATION

EMPLOYMENT OPPORTUNITIES



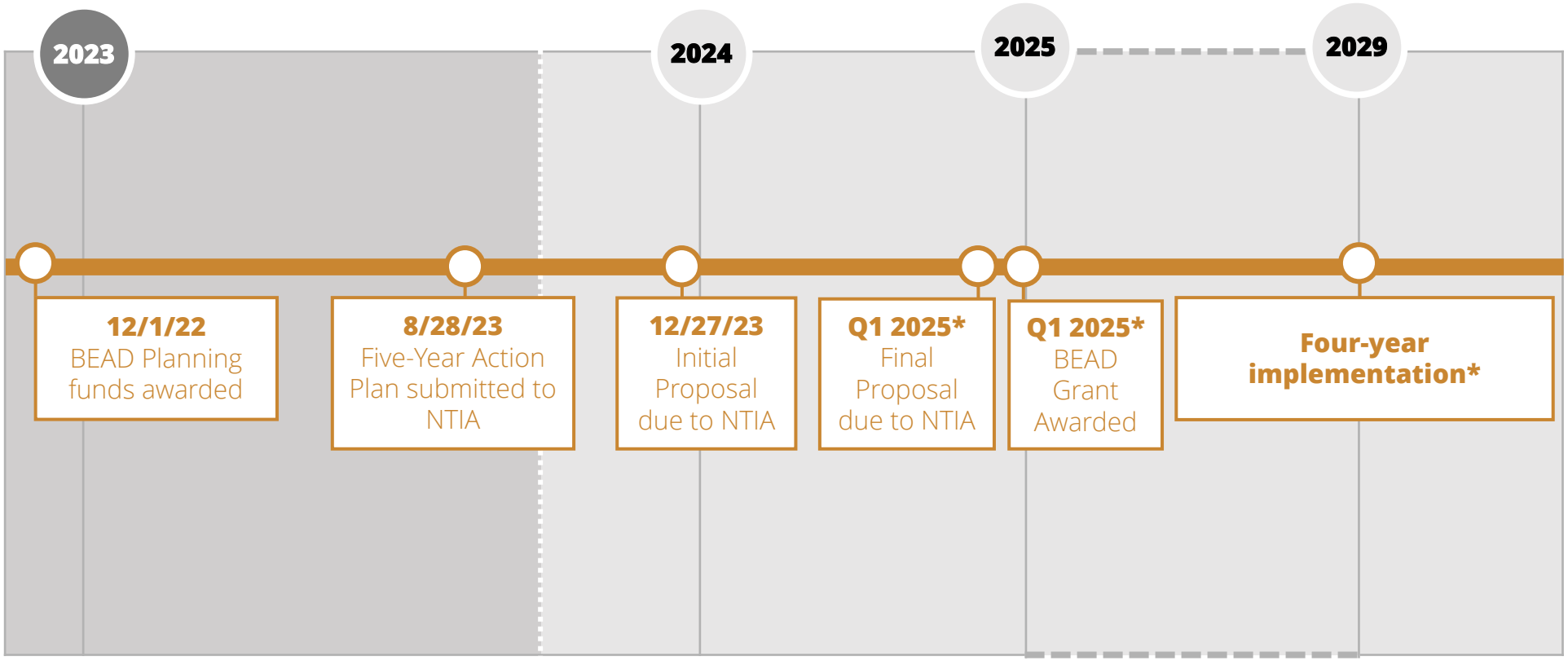
SUPPLY CHAIN AND MATERIALS

TOPOGRAPHY

IMPLEMENTATION TIMELINE DRIVEN BY FEDERAL REQUIREMENTS

ConnectALL will present the Initial Proposal for public comment prior to submission.

BROADBAND EQUITY, ACCESS, AND DEPLOYMENT (BEAD) PROGRAM



*Tentative dates

Overview of 2023 Broadband Map and Report

NEW YORK STATE | Public Service Commission

Overview of 2023 Broadband Map and Report

Public Service Law Section 224-c

The Comprehensive Broadband Connectivity Act of 2021 (Act) directs the Public Service Commission (Commission), to the extent practicable, to, among other things:

- Produce and publish a detailed internet access map of the State, indicating access to internet service by location. The Map should include download and upload speeds advertised and experienced, the consistency and reliability of download and upload speeds including latency, the types of internet service and technologies, including but not limited to dial-up, broadband, fixed wireless, fiber, coax or satellite, and the number of Internet Service Providers (ISPs) and the price of their available internet service.

In addition, the Act requires the Commission to provide:

- The overall number of residences with access to high-speed internet, identifying which areas are served, underserved and unserved as defined therein; and,

- A regional survey of internet service prices in comparison to county-level median income.

Broadband Availability Data Resources

The Commission utilized the following four data sets to complete its mapping and analyses:

- The New York State Street and Address Maintenance (SAM) Program as a location fabric;
- New York ISP-provided data;
- Department field inspections; and,
- Stakeholder input.

Definitions

- High–speed broadband service is defined as one with a minimum throughput or speed of 100 Megabits per second (Mbps) downstream and 10 Mbps upstream;
- A served location is an address point with at least one wired or fixed-wireless high-speed ISP;
- An underserved location is an address point with at least one wired or fixed-wireless ISP offering download speeds of at least 25 Mbps but less than 100 Mbps;
- An unserved location is one with no wired or fixed-wireless providers offering speeds of at least 25 Mbps download available.

2023 Statewide Findings

- Served 97.47%
- Underserved 0.07%
- Unserved 2.46%

2023 Statewide Pricing Analysis

Median Income	Weighted Average Price in Counties	Weighted Average Speed in Counties	Average Number of ISPs in Counties	Number of Counties in Category
$43,726 - $58,366	$79.41	267.58	5.19	16
$58,367 - $70,493	$72.39	284.27	5.27	30
$70,494 - $126,576	$76.97	209.41	5.19	16

2023 Broadband Map & Report

The 2023 Broadband Report can be found in Case 22-M-0313 on the Public Service Commission website (www.dps.ny.gov)

The Map can be found at https://mapmybroadband.dps.ny.gov

Close